

What Is Claimed Is:

1. A connection structure of an induction line cover for use in a non-contact power supply system for a moving body, said system comprising an induction line arranged to extend along a movement track of the moving body and pass high-frequency sine-wave current therethrough, said moving body comprising a pickup coil for picking up power from the induction line in a non-contact manner,

said induction line cover comprising:

a cylinder-shaped section for fitting therein the induction line;

plate-shaped sections continuously connected outwardly from a pair of ends created by cutting out from the cylinder-shaped section a portion in a longitudinal direction at a circumferential position of the cylinder-shaped section; and

engaging sections formed adjacent outer faces of the plate-shaped sections and being engageable toward said movement track, wherein

a cover joining member for connecting said induction line cover has a receiving section for receiving said engaging sections and is formed so as to be accommodated within an extent of an outer diameter of the cylinder-shaped section when said engaging sections are engaged toward the movement track.

2. The connection structure of an induction line cover according to Claim 1, wherein an engaging/disengaging lock is formed between said plate-shaped sections, said engaging/disengaging lock comprising a protrusion and a

recess respectively formed on mutually opposing inner faces of said plate-shaped sections.

3. The connection structure of an induction line cover according to Claim 2, wherein a concave groove is formed outside the engaging/disengaging lock between said plate-shaped sections when the engaging/disengaging lock is in a locked state.